

Work Order ID 51653

August 27, 2009 8:39:45 AM



Page 1

Item ID: D3456-1

Revision ID: A

Item Name: Washer

Start Date: 8/27/09

Start Qty: ~~70.00~~ 200 *CL*

Required Date: 9/04/09

Req'd Qty: 70.00

Accept



Setup Start



Stop



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: *PL*

Date: *08-27*

Tooling:

Date:

Run Start



Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3456

Rev A

100

0.00



Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O: 10284 P/N: 91525A120 per Dwg D3456. Possible
Supplier: McMaster-Carr. Material release note is required

CL 09/08/27 200

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

CL 9/4/31 (200)

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

⇒ 8/27/09

units (200) φ

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 51653

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Item ID: D3456-1

Accept



Setup Start



Revision ID: A

Stop



Item Name: Washer

Start Date: 8/27/09 Start Qty: 70.00



Cust Item ID:

Required Date: 9/04/09 Req'd Qty: 70.00



Customer:

Reference:

Run Start



Approvals: Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

Identify as per dwg & Stock Location:

92

0.00



Packaging

Memo

0.00

Packaging

09/05/09 (200)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/09/08 HJ

MF 09-09-04

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

August 27, 2009 8:39:44 AM

Page 1

Work Order ID: 51653

Parent Item: D3456-1RevA

Parent Item Name: Washer

Comments:



Start Date: 8/27/09

Required Date: 9/04/09

Start Qty: 70.00

Required Qty: 70.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
91525A120 washer		Purchased	No			100	Each	0.0000	70.0000 		8/31/09 (200)	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

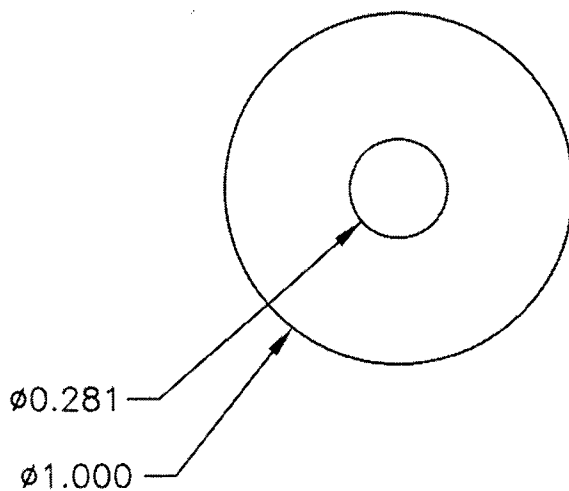
NOTE: Date & initial all entries



DESIGN CP	DRAWN BY CP	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3456	REV. A SHEET 1 OF 1
DATE 05.09.01		TITLE WASHER	SCALE 2:1
A	05.09.01	NEW ISSUE	

RELEASED
05-09-06

SPECIFICATION CONTROL DRAWING



D3456-1 WASHER

- 1) MATERIAL: 316 STAINLESS STEEL, 0.050" THICK
- 2) MAY PURCHASE McMASTER-CARR P/N 91525A120
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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Aurora OH 44202
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

McMaster-Carr Number
1654247-01

08/28/2009

Line	Description	Ordered	Shipped	
3	92198A672 18-8 Stainless Steel Hex Head Cap Screw, 7/16"-14 Thread, 5" Length, Packs of 1	100 Packs	100	2 - 711 - 10 45 - 96 A672 100 PK 3 23 lbs One EA/PK
2	91525A120 Type 316 Stainless Steel Large-Diameter Flat Washer, 1/4" Screw Size, 1" OD, .04"-.06" Thick, Packs of 25	8 Packs	8	2 - 703 - 02 08 - 79 A120 8 PK 2
5	91853A031 18-8 Stainless Steel Slotted Castle Nut, 3/8"-16 Thread Size, 9/16" Width, 13/32" Overall Height, Packs of 1	5 Packs	5	2 - 700 - 01 10 - 93 A031 5 PK 5 One EA/PK
1	92311A564 Type 18-8 Stainless Steel Cup Point Socket Set Screw, 1/4"-28 Thread, 1" Length, Packs of 50	4 Packs	4	2 - 699 - 04 06 - 67 A564 4 PK 1
4	92356A662 18-8 Stainless Steel Round Head Square Neck Carriage Screw, 3/8-16 Thread, 10" Length, Packs of 1	5 Packs	5	2 - 716 4

8/09/07/01

Dart Aerospace Ltd

Assembly
Area

11

Cycle

28

Shelf

106

Documents

2

EXP

29 lbs
5 line:

FW1WBP24
08/28/2009
10:48/11:02
054





Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO10284

Purchase Order Date 8/27/09

PO Print Date 8/28/09

Page Number 1 of 2

Order From :

VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

FAKED
6/27/09

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	330 995 5500	Requisition Nbr	
Vendor Fax	330 9959600	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	USD
		FOB	

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	92311A564	Set Screw	8/31/09 Yes	✓ 200.00 Each	Purolator ground	\$0.2500	\$50.00
Special Inst: AS PER DWG D3533 REV. B B51602 MCMaster P/N: 92311A564							
2	91525A120	washer	8/31/09 Yes	200.00 Each	Purolator ground	\$0.2400	\$48.00
Special Inst: AS PER DWG D3456 REV. A B51653 MCMaster P/N: 91525A120							
3	7/16-14-050C	SS Bolt 7/16 5" Long	8/31/09 Yes	100.00 Each	Purolator ground	\$2.5696	\$256.96
4	92356A662	Bolt	8/31/09 Yes	5.00 Each	Purolator ground	\$6.0400	\$30.20
Special Inst: AS PER DWG D3977 REV. A B51701 MCMaster P/N: 92356A662							

PO Instructions: PLEASE ADVISE PRICE \$\$\$\$\$

8/28/09

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY